

**REMARKS**

All claims have been amended to remove superfluous reference numerals, and to ensure that no claim is interpreted as a step-plus-function claim under 35 U.S.C. §112, sixth paragraph. No claims has been narrowed in view of any reason for patentability.

Claims 2 and 7 have been cancelled. Claims 3 and 6 have been amended to depend from claim 1.

**A. The Rejections**

Claim 7 was rejected under 35 U.S.C. §101 because the claimed invention is allegedly directed to non-statutory subject matter. Claim 7 has been cancelled.

Claims 1, 3, 5, and 7 were rejected under 35 U.S.C. §103(a) as being unpatentable over “Tetrahedral Finite Element Mesh Generation from NURBS Solid Models” (“Gürsoy”) in view of “Dual Contouring of Hermite Data” (“Ju”).

**B. Allowable Subject Matter**

The Examiner has indicated that claims 2, 4, and 6 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Accordingly, claim 1 has been amended to include the limitations of claim 2 and claims 3 and 6 have been amended to depend from claim 1. Thus, the Applicant respectfully asserts that the application is in condition for allowance.

## CONCLUSION

In view of the present amendment, Applicants respectfully assert that claims 1, and 3-6 are in condition for allowance and a prompt notice of allowance is earnestly solicited.

The below-signed attorney for Applicants welcomes any questions.

Respectfully submitted,

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